

**Randy T. Simmons**  
Utah State University  
Economics and Finance  
(435)-797-1310  
Email: Randy.Simmons@usu.edu

## **Education**

Ph D, University of Oregon, 1980.  
Major: Political Economy  
Dissertation Title: The Logic for Cooperation? An Investigation of the Free Rider Hypothesis

## **Professional Memberships**

Association for Private Enterprise Education.

## **Development Activities Attended**

Conference, "Design Thinking for Creativity, Innovation, and Transformation," AACSB. (October 28, 2011).

Conference, "Critical Thinking," AACSB. (October 27, 2011).

Workshop/Seminar, "Do Economics and Business Studies Advance Liberal Education and a Free Society," Liberty Fund, Indianapolis, IN. (October 13, 2011 - October 16, 2011).

Bob Winward, Angela Redding, Troy Oldham and Chris Fawson and I visited the Rotman School to observe how they integrate design thinking into the student learning experience., Rotman School of Business, Toronto, Canada. (March 2011).

Workshop/Seminar, "Creative Ideas for Your Basic Economics Course," Gus A. Stavros Center for Economic Education, Florida State University, Tallahassee, FL. (February 5, 2009 - February 6, 2009).

Conference, "Property Rights, Economic Growth, and the Environment," Property and Environment Research Center (PERC), Tucson, AZ. (January 22, 2009 - January 25, 2009).

Conference, "James Wilson, the Law of Nature, and the Protection of Liberty," Liberty Fund, San Diego, CA. (January 15, 2009 - January 18, 2009).

Workshop/Seminar, "Dos, Don'ts, and Duhs: Using Classroom Powerpoints Effectively," Magna Online Seminars. (November 3, 2008).

Conference, "Liberty and the Rule of Law," Liberty Fund, St. Louis, MO. (September 25, 2008 - September 28, 2008).

## **TEACHING**

### **Teaching Experience**

#### **Utah State University**

BUS 1000, Business by Design, 4 courses.  
ECN 1500, ECON INSTITUTIONS (BAI), 4 courses.  
ECN 3170, LAW & ECONOMICS, 2 courses.  
ECN 5500, PUBLIC FINANCE, 2 courses.

ECN 6310, MANAGERIAL ECONOMICS, 1 course.  
ECN 6970, Thesis Research, 1 course.  
ECN 6990, Continuing Graduate Advisement, 1 course.  
ECON 1500, ECON INSTITUTIONS (BAI), 1 course.  
ECON 3170, 7 courses.  
ECON 5500, PUBLIC FINANCE, 1 course.  
POLS 3120, LAW & POLITICS (DSS), 1 course.  
POLS 4820, NAT RES ENV POLICY (DSS), 1 course.  
POLS 4910, READING & CONFERENCE, 7 courses.  
POLS 4990, SR RESEARCH SEMINAR (CI), 4 courses.  
POLS 5130, LAW & POLICY, 2 courses.  
POLS 5940, ADMINISTRATIVE INTERN, 1 course.  
POLS 6020, PUBLIC POLICY ANALYSIS, 1 course.  
POLS 6410, GRADUATE TUTORIAL, 1 course.  
POLS 6470, THESIS RESEARCH, 1 course.  
POLS 6910, GRADUATE TUTORIAL, 1 course.  
POLS 6920, INTERNSHIP, 2 courses.  
USU 1300, US INSTITUTIONS (BAI), 1 course.  
USU 1340, SOC SYSTEMS & ISSUES (BSS), 2 courses.

## **Non-Credit Instruction**

Seminar, Charles G. Koch Charitable Foundation, 30 participants. (May 2010 - Present).

Seminar, Charles G. Koch Charitable Foundation, 30 participants. (August 2009 - May 2010).

## **RESEARCH**

### **Published Intellectual Contributions**

#### **Books**

Simmons, R., Gardner, B. D. (2012). *Aquanomics: Water Markets and the Environment*. Piscataway, NJ: Transaction Publishers.

Simmons, R. (2011). *Beyond Politics: The Roots of Government Failure*. Independent Institute Press.

#### **Refereed Journal Articles**

Simmons, R. (2011). Trading Places: Effects of voting systems on multicandidate elections. *Public Choice*, 146(3-4), 341-351.

Simmons, R., Yonk, R. M., Thomas, D. (2010). Bootlegger, Baptists, and Political Entrepreneurs. *The Independent Review*, 15(3), 367-381.

#### **Journal Articles**

Simmons, R. (in press). Why Democracy Means Much more than Voting. *To appear in Citizens and Statesmen: An Annual Review of Political Theory and Public Life*, IV, 16.

#### **Monographs**

Simmons, R., Steed, B. C., Yonk, R. M. (2011). *The Economic Costs of Wilderness*. San Francisco, Ca: Pacific Research Institute.

## Other

Simmons, R., Yonk, R. M., Criddle, R. (2011). *Considering Privatization: State Parks, Division of Alcohol Beverage Control, and Department of Transportation*. Logan, UT: Center for Public Lands and Rural Economics, Utah State University.

Simmons, R., Yonk, R. M. (2011). *The Price of Government: Utah 2009*. Salt Lake City, UT: Utah Taxpayers Association.

Simmons, R., Yonk, R. M., Fawson, C. (2010). *Quality of Life: Building an Index* (pp. 54). Utah State University: Center for Public Lands and Rural Economics.

Simmons, R., Yonk, R. M., Fawson, C. (2010). *Quality of Life: Building an Index* (pp. 54). Utah State University: Center for Public Lands and Rural Economics.

Simmons, R., Yonk, R. M., Martin, R. C. (2010). *The Price of Government: Utah 2008*. Salt Lake City, UT: Utah Taxpayers Association.

Simmons, R., Herzberg, R. Q., Fawson, C. (2009). *Public Lands and Rural Education*. Utah State University: Center for Public Lands and Rural Economics.

Simmons, R., Fawson, C., Roberta, H. Q. (2009). *Public Lands and Rural Education* (pp. 191). Utah State University: Center for Public Lands and Rural Economics.

## Presentations Given

Simmons, R. (Author Only), Young, S. (Presenter & Author), Annual Meeting, "Bootlegging Bicycles: An Application of the Baptist and Bootleggers Model to the Micro Scale", Association for Private Enterprise Education, Las Vegas. (April 2010 - Present).

Simmons, R. (Author Only), Yonk, R. M. (Author Only), Groberg, D. (Presenter & Author), Association of Private Enterprise Educators Annual Meeting,, "Extreme Vote Makeover", Nassau, Bahamas. (April 10, 2011 - April 12, 2011).

Simmons, R. (Author Only), Yonk, R. M. (Presenter & Author), Dawson, K. (Author Only), Association of Private Enterprise Educators Annual Meeting,, ""Lines in the Sand: How Bootleggers and Baptists Solved the Public Lands Crisis in Washington County, Utah"", Nassau Bahamas, April 2011.. (April 10, 2011 - April 12, 2011).

Thomas, D. (Author Only), Simmons, R. (Presenter & Author), Yonk, R. M. (Author Only), Association of Private Enterprise Education Annual Meeting, "Political Entrepreneurship and the Cycling Problem", Association of Private Enterprise Education, Nassau, Bahamas. (April 10, 2011 - April 12, 2011).

Simmons, R. (Author Only), Yonk, R. M. (Author Only), Steed, B. C. (Presenter & Author), Midwest Political Science Association Annual Meeting, "Green vs. Green: Political, Administrative , and Legal Pitfalls in Green Energy Production", Midwest Political Science Association, Chicago, IL. (March 29, 2011 - April 2, 2011).

Simmons, R., Yonk, R. M. (Presenter & Author), Steed, B. C. (Author Only), Southern Political Association Annual Meeting, "Boon or Bust: Wilderness Designation and Regional Economies", Southwest Political Association, New Orleans. (January 5, 2011 - January 8, 2011).

Simmons, R. (Author Only), Yonk, R. M. (Presenter & Author), Steed, B. C. (Author Only), Midwest Political Science Association Annual Meeting, "Politics, Economics and Federal Land Designation: Assessing the Economic Impact of the Grand Staircase Escalante National Monument", Midwest Political Science Association, Chicago, IL. (April 22, 2010 - April 25, 2010).

Simmons, R. (Author Only), Yonk, R. (Presenter & Author), Steed, B. (Author Only), Annual Meeting, "Politics, Economics, and Federal Land Designation: Assessing the Economic Impact of the Grand Staircase Escalante National Monument", Midwest Political Science Association, Chicago. (April 19, 2010 - April 21, 2010).

Simmons, R. (Author Only), Yonk, R. (Presenter & Author), Steed, B., "The Local Impact of Wilderness: An Over-time Analysis of Wilderness Designation On Local Economies", Western Political Science Association, San Antonio. (April 1, 2010 - April 3, 2010).

Simmons, R., Liberty, Responsibility, and Markets, "Introduction to the Economic Way of Thinking", Intercollegiate Studies Institute, Philadelphia. (January 28, 2010 - January 30, 2010).

Simmons, R., Civitas Forum for Principles and Policies for Public Life, "Why Democracy is Much more Than Voting", St. Vincent College, LaTrobe, PA. (October 7, 2009).

Simmons, R., Liberty and Society Student Conference, "Politics and Markets", Institute for Humane Studies, Chicago. (July 11, 2009 - July 17, 2009).

## **Field Research**

### **Other**

Simmons, Randy (Co-Principal), Yonk, Ryan M. (Co-Principal), "Regulatory Constraints on Renewable and Non-Renewable Energy Development,," Sponsored by Department of Economics and Finance, Utah State University, \$14,220.00. (June 1, 2011 - November 1, 2011).

Simmons, Randy (Co-Principal), Yonk, Ryan M. (Co-Principal), "Treasured Landscapes and Energy Resources," Sponsored by Department of Economics and Finance, Utah State University, \$16,970.00. (May 14, 2011 - September 1, 2011).

## **Field Research**

### **Other**

Simmons, Randy, Steed, Brian Carl (Co-Principal), "Alternative and Unconventional Energy Development," Sponsored by US Department of Energy, Federal, \$250,000.00. (February 2011 - Present).

Simmons, Randy (Principal), "Determinants of Broadband Demand," Sponsored by Utah Public Service Commission, State, \$92,087.63. (January 2011 - May 31, 2014).

Simmons, Randy, Fawson, Christopher, "Public Lands and the Political Economy of Federally Protected Land," Federal, \$194,848.00. (August 1, 2009 - December 31, 2010).

Simmons, Randy (Principal), Fawson, Christopher (Co-Principal), "Rural Quality of Life Index," Sponsored by CSREES, Federal, \$208,238.00. (July 1, 2008 - December 31, 2009).

Simmons, Randy (Principal), Fawson, Christopher (Co-Principal), "Public Lands and Rural Economies," Sponsored by CSREES, Federal, \$277,266.00. (July 1, 2006 - December 31, 2008).

## **Intellectual Contributions in Submission**

### **Refereed Journal Articles**

Simmons, R., Steed, B. C., Yonk, R. M. Boon or Bust: Wilderness Designation and Regional Economies. *Journal of Private Enterprise*.

Simmons, R., Steed, B. C., Yonk, R. M. Boon or Bust: Wilderness Designation and Regional Economies. *Society and Natural Resources*.

### **Journal Articles**

Simmons, R. Planning is Political--except when it isn't. *State and Local Government Review*.

Simmons, R., Yonk, R. M., Steed, B. C. Politics, Economics, and Federal Land Designation: The Grand Staircase-Escalante National Monument. *Mountain Plains Journal of Business and Economics*.

Simmons, R., Yonk, R. Bootleggers, Baptists, and Political Entrepreneurs. *Independent Review*.

## **Research in Progress**

Toward a Theory of Political Entrepreneurship. A paper expanding on current theories of political entrepreneurs.

A journal article on improving rural schools by responding to parental demand.

An application of the Bootleggers and Baptist model to municipal broadband provision and legally mandated recycling.

A final report on a grant supported by CSREES. This grant examines rural education and rural economies in the Mountain States.

A book manuscript that is a revision of my co-authored book *Beyond Politics*. Submitted November, 2008.

A journal article on the application of economic analysis on different voting systems.

## **SERVICE**

### **Editorial and Review Activities**

Invited Manuscript Reviewer, "Public Choice." (July 1, 2009 - Present).

Invited Manuscript Reviewer, "Independent Review." (September 2009).

### **General Service**

#### **Public/Community**

Officer, President/Elect/Past, Privatization Policy Board. (July 2008 - Present).

Member, Utah League of Cities and Towns. (January 2006 - January 1, 2010).

Mayor, Providence City. (January 1, 2006 - December 31, 2009).

### **School**

Committee Member, Non P&T-Related, Search Committee for Assistant Dean and Director of the Center for Career Development. (September 1, 2011 - Present).

Committee Member, Non P&T-Related, Faculty/Staff Recognition. (August 2009 - Present).

Committee Chair, Non P&T-Related, Grant Writer Search Committee. (October 2009 - February 15, 2010).

### **Utah State University**

Committee Member, Non P&T-Related, Search Committee for Assistant Professor of Public Relations and Corporate Communication. (September 1, 2011 - Present).

Committee Member, Non P&T-Related, Professional Responsibilities and Procedures Committee. (July 1, 2009 - Present).

## **Promotion and Tenure Committees**

### **Committee Chair**

Anthony Peacock (Associate Professor). (January 2010 - Present)

Diana Thomas (Assistant Professor). (September 2009 - Present)

John P. Gilbert (Associate Professor). (September 2009 - Present)

### **Committee Member**

Drew Dahl (Professor). (January 2010 - Present)

H Petersen (Professor). (January 2010 - Present)

Terry Glover (Professor). (January 2010 - Present)

**Zsolt Ugray**  
Utah State University  
Management Information Systems  
(435)-797-8132  
Email: zsolt.ugray@usu.edu

## Education

Ph D, The University of Texas at Austin, 2001.  
Major: Management Science and Information Systems  
Dissertation Title: QQGRG: A Multi-Start Algorithm for Global Solution of Nonlinear and Mixed Integer Programs

MS, Technical University of Budapest, 1991.  
Major: Electrical Engineering  
Supporting Areas of Emphasis: Computer communications

## Professional Positions

### Academic

Associate Professor, Management Information Systems Department. (August 2010 - Present).

Assistant Professor, Management Information Systems Department, Utah State University.  
(August 2003 - July 2010).

Visiting Assistant Professor, The A. Gary Anderson Graduate School of Management, University of California - Riverside. (September 2001 - June 2003).

Assistant Instructor, The University of Texas at Austin. (August 1994 - July 1997).

Teaching Assistant, The University of Texas at Austin. (August 1993 - July 1994).

Research Assistant, The University of Texas at Arlington. (August 1991 - July 1993).

### Professional

Senior Software Systems Engineer, Advanced Energy. (January 1999 - August 2001).

Development and Test Engineer, Fourth State Technology. (August 1997 - January 1999).

Research Engineer, Computer & Automation Institute of the Hungarian Academy of Sciences.  
(June 1989 - May 1991).

## Professional Memberships

MPS -Mathematical Programming Society. (2007 - Present).

IACIS - International Association of Computer Information Systems. (2006 - Present).

AIS - Association of Information Systems. (2002 - Present).

DSI - Decision Science Institute. (2002 - Present).

INFORMS - Institute of Operations Research and Management Science. (1999 - Present).

## **Development Activities Attended**

Workshop/Seminar, "Lessons from Privatization of State Owned Enterprises," Huntsman School of Business, Logan, UT. (February 16, 2011).

Workshop/Seminar, "Social Security Reforms Around the World," Huntsman School of Business, Logan, UT. (February 15, 2011).

Short Course, "Annuity Theory (Eytan Sheshinski)," Huntsman School of Business, Logan, UT. (February 7, 2011 - February 11, 2011).

Workshop/Seminar, "Information Technology Seminar," Partners in Business - USU, Logan, UT. (January 26, 2011 - January 27, 2011).

Workshop/Seminar, "Faculty Seminar," Huntsman School of Business, Logan, UT. (December 2, 2010).

Workshop/Seminar, "Communicating with Students: Considerations of Local Culture," Provost's Office, Logan, UT. (November 19, 2010).

Workshop/Seminar, "Bloomberg Terminal Training," Huntsman School of Business, Logan, UT. (November 18, 2010).

Workshop/Seminar, "How Do We Navigate Higher Education's Future?," Provost's Office, Logan, UT. (October 13, 2010).

Workshop/Seminar, "Development Aid Through the Millennium Challenge Corporation," Huntsman School of Business, Logan, UT. (October 11, 2010).

Workshop/Seminar, "On Efficiently Financing Retirement," Huntsman School of Business, Logan, UT. (October 8, 2010).

Workshop/Seminar, "Operational Excellence," Partners in Business - USU, Logan. (September 28, 2010 - September 29, 2010).

Workshop/Seminar, "The Design of Business," Huntsman School of Business, Logan, UT. (September 27, 2010).

Workshop/Seminar, "All Real Living is Meeting: The Place of Personal Encounters in Education," Provost's Office, Logan, UT. (September 21, 2010).

Workshop/Seminar, "Communicating Difference Matters through Inclusive Pedagogy," Provost's Office, Logan, UT. (September 16, 2010).

Conference, "22nd Annual Shingo Conference," Shingo Conference, SLC, UT. (May 19, 2010 - May 21, 2010).

Workshop/Seminar, "TSP Mapping: Organizational Alignment of Tools, Systems & Principles," Shingo Conference, SLC, UT. (May 18, 2010).

Workshop/Seminar, "The 7 Habits of Highly Effective People Signature Program," Huntsman School of Business; Franklin Covey, Midway, UT. (May 10, 2010 - May 12, 2010).

Workshop/Seminar, "Copyright for Classroom Teaching," Provost's Office, Logan, UT. (April 12, 2010).



Workshop/Seminar, "Information Technology Seminar," Partners in Business - USU, Logan, UT. (January 26, 2010 - January 27, 2010).

Workshop/Seminar, "Operational Excellence," Partners in Business - USU, Logan. (September 16, 2009 - September 17, 2009).

Workshop/Seminar, "Using Concept Maps to Assess Online and Traditional Classes," Provost's Office, Logan, UT. (April 13, 2009).

Workshop/Seminar, "Entrepreneurship Seminar," Partners in Business - USU, Logan, UT. (April 9, 2009).

Workshop/Seminar, "How to Develop a USU Faculty-Led Study Abroad Program," Office of Study Abroad, Logan, UT. (March 17, 2009).

Workshop/Seminar, "The Scoop on Peer-Evaluations," WGRI, Logan, UT. (March 4, 2009).

Workshop/Seminar, "Applying Lean to Business Process Improvement and IT Operations workshop, Steve Bell & Mike Orzen," Partners in Business - USU, Logan, UT. (February 25, 2009 - February 26, 2009).

Workshop/Seminar, "Information Technology Seminar," Partners in Business - USU, Logan, UT. (February 25, 2009 - February 26, 2009).

Workshop/Seminar, ""Follow-up: How Rubrics Change the Game" by B. Larsen," Provost's Office / Faculty Development, USU, Logan, UT. (February 12, 2009).

Workshop/Seminar, "Shingo 101," Shingo Prize. (January 30, 2009 - January 31, 2009).

Workshop/Seminar, "Deep Learning and Critical Thinkning", by Dr. K. Bain," Provost's Office / Faculty Development, USU, Logan, UT. (January 26, 2009).

Workshop/Seminar, "Finance Seminar," Partners in Business - USU, Logan, UT. (January 22, 2009).

Workshop/Seminar, ""Teaching Assessments Elevated: How Rubrics Change the Game" by B. Larsen," Provost's Office / Faculty Development, USU, Logan, UT. (December 3, 2008).

Conference, "Rocky Mountain CIBER Network Meeting," Rocky Mountain CIBER, Logan. (November 13, 2008 - November 15, 2008).

Workshop/Seminar, ""Dos, Don'ts, and Duhs: Using Classroom PowerPoints Effectively" by P. Gibler," Provost's Office / Faculty Development, USU, Logan, UT. (November 3, 2008).

Workshop/Seminar, "Customer Service and Marketing Seminar," Partners in Business, USU, Logan, UT. (October 8, 2008 - October 9, 2008).

Workshop/Seminar, "What More Than 80 Years of Research Tell Us About Student Ratings?," Provost's Office / Faculty Development, USU. (September 28, 2008).

Workshop/Seminar, "Operational Excellence Seminar," Partners in Business, USU, Logan, UT. (September 3, 2008 - September 4, 2008).

Workshop/Seminar, "Human Resources & Ethical Leadership Seminar," Partners in Business, USU, Logan, UT. (April 16, 2008 - April 17, 2008).

Workshop/Seminar, "Information Technology Seminar," Partners in Business - USU, Logan, UT. (February 27, 2008 - February 28, 2008).

Workshop/Seminar, ""Tips for Promoting Critical Thinking in the Classroom"," Provost's Office / Faculty Development, USU, Logan, UT. (January 31, 2008).

Workshop/Seminar, "Fiancial Services & Banking Seminar," Partners in Business - USU, Logan, UT. (January 24, 2008).

Workshop/Seminar, ""Developing and Evaluating Teaching Portfolios"," Provost's Office / Faculty Development, USU, Logan, UT. (October 26, 2007).

Workshop/Seminar, ""What the Best Teachers Do?"," Provost's Office / Faculty Development, USU, Logan, UT. (September 28, 2007).

Workshop/Seminar, "Information Technology," Partners in Business - USU, Logan, UT. (November 8, 2006 - November 9, 2006).

Workshop/Seminar, ""Improving Teacher Effectiveness and Assembling a Teaching Portfolio"," Provost's Office / Faculty Development, USU, Logan, UT. (October 12, 2006).

Workshop/Seminar, "Information Technology," Partners in Business - USU, Logan, UT. (January 25, 2006 - January 26, 2006).

Conference, "TENTH ANNUAL INFORMS CONFERENCE ON INFORMATION SYSTEMS AND TECHNOLOGY," Information System Society - INFORMS, San Francisco. (November 12, 2005 - November 13, 2005).

Workshop/Seminar, "Omniure Summit," Omniure, Snowbird, UT. (March 21, 2005 - March 24, 2005).

Workshop/Seminar, "Information Technology," Partners in Business - USU, Logan, UT. (December 1, 2004 - December 2, 2004).

Conference, "NINTH ANNUAL INFORMS CONFERENCE ON INFORMATION SYSTEMS AND TECHNOLOGY," Information System Society - INFORMS, Denver. (October 23, 2004 - October 24, 2004).

Workshop/Seminar, "Information Technology," Partners in Business - USU, Logan, UT. (November 2003).

Conference, "EIGHTH ANNUAL INFORMS CONFERENCE ON INFORMATION SYSTEMS AND TECHNOLOGY," Information System Society - INFORMS, Atlanta. (October 18, 2003 - October 19, 2003).

Conference, "Twenty Second Annual International Conference on Information Systems," AIS, New Orleans. (December 16, 2001 - December 19, 2001).

Conference, "DSI Annual Meeting," Decision Sciences Institute, San Diego. (November 17, 2001 - November 20, 2001).

## **TEACHING**

### **Teaching Experience**

### **Utah State University**

FIN 5350, FINANCIAL MODELING, 2 courses.  
MIS 3800, IT HARDWARE AND SYSTEM SOFTWARE, 2 courses.  
MIS 4100, INFORMATION TECHNOLOGY HW/SW, 8 courses.  
MIS 5350, FINANCIAL MODELING, 2 courses.  
MIS 5400, LAN MANAGEMENT, 8 courses.  
MIS 5950, 2 courses.  
MIS 6120, INFO SYSTEMS DEV, 2 courses.  
MIS 6200, BUS DATA COMM SYSTEM, 6 courses.  
MIS 6400, LAN MANAGEMENT, 8 courses.  
MIS 6810, INTRO TO RSCH PROC - DE/Satellite course, 1 course.  
MIS 6950, INPNDT READING FINANCIAL MODEL, 1 course.

### **Non-Credit Instruction**

Scheduled course at host University during sabbatical, Corvinus University. (September 2011 - January 2012).

### **Directed Student Learning**

Master's Thesis Committee Chair, Management Information Systems. (2011 - Present).  
Advised: Corey McBride

Master's Thesis Committee Chair, Management Information Systems. (2011 - Present).  
Advised: Jason Peterson

Master's Thesis Committee Chair, Management Information Systems. (2011 - Present).  
Advised: Keijia Yin

Master's Thesis Committee Chair, Management Information Systems. (2011 - Present).  
Advised: Sahithi Ravuri

Master's Thesis Committee Chair, Management Information Systems. (2010 - Present).  
Advised: Erik Anderson

Master's Thesis Committee Chair, Management Information Systems. (2010 - Present).  
Advised: Marty Booth

Master's Thesis Committee Chair, Management Information Systems. (2010 - Present).  
Advised: Tyler Larsen

Master's Thesis Committee Chair, Management Information Systems. (2010 - Present).  
Advised: Zhaoyuan Li

Master's Thesis Committee Chair, Management Information Systems. (2010 - Present).  
Advised: Ziyu Yan

Dissertation Committee Chair, "TBD," Management Information Systems. (August 2008 - Present).  
Advised: Robert Houghton

Dissertation Committee Member, "TBD," Management Information Systems. (2006 - Present).  
Advised: Andrew Dunlop

Dissertation Committee Member, "TBD," Management Information Systems. (2006 - Present).  
Advised: Jason Courad

Dissertation Committee Member, Management Information Systems. (2006 - Present).  
Advised: Wei-Lun Chuang

Undergraduate Honors Thesis/Project, "Analysis of Networks," Management Information Systems. (September 2009 - 2010).  
Advised: Myles Powell

Master's Thesis Committee Chair, Management Information Systems. (August 2009 - 2010).  
Advised: Field Edward

Master's Thesis Committee Chair, Management Information Systems. (August 2009 - 2010).  
Advised: Matthew Huntsman

Dissertation Committee Member, Management Information Systems. (January 2009 - 2010).  
Advised: Kelley O'Reilly

Dissertation Committee Member, "TBD," Management Information Systems. (2006 - 2010).  
Advised: Chester Claar

Supervised Research, Management Information Systems. (January 2010 - May 2010).  
Advised: Matthew Huntsman

UTF Mentor, Management Information Systems. (January 2010 - April 2010).  
Advised: Myles Powell

Supervised Research, Management Information Systems. (August 2009 - December 2009).  
Advised: Matthew Huntsman

UTF Mentor, Management Information Systems. (August 2009 - December 2009).  
Advised: David Virgin

Master's Thesis Committee Chair, Management Information Systems. (2008 - 2009).  
Advised: Jaya Shankar Byrraju

Master's Thesis Committee Chair, Management Information Systems. (2007 - 2009).  
Advised: Pu Chen

Dissertation Committee Member, Management Information Systems. (2006 - 2009).  
Advised: Letty Workman

Supervised Research, "TEchnology Acceptance for Franchisees," Management Information Systems. (January 2009 - September 2009).  
Advised: Kelley O'Reilly

UTF Mentor, Management Information Systems. (January 2009 - April 2009).  
Advised: Ryan Field

UTF Mentor, Management Information Systems. (August 2008 - December 2008).  
Advised: Tyler Stoker

Master's Thesis Committee Chair, Management Information Systems. (2006 - 2008).  
Advised: Abiral Malla

Dissertation Committee Member, "Understanding Unfolding Change and the Value of Strategic Unification in Recent Information Technology Functional Realignment," Management

Information Systems. (2005 - 2008).  
Advised: Eric Hawley

Master's Thesis Committee Member, Management Information Systems. (January 2007 - August 2008).  
Advised: Kyliann Erickson

Directed Individual/Independent Study, Management Information Systems. (January 2008 - May 2008).  
Advised: Ishani Shukla

Directed Individual/Independent Study, Management Information Systems. (January 2008 - May 2008).  
Advised: Jason Couraud

UTF Mentor, Management Information Systems. (January 2008 - May 2008).  
Advised: Tyler Stoker

Dissertation Committee Member, "A Qualitative Study of the Electronic Commerce Process - An Emic Perspective of Electronic Commerce Entrepreneurs," Management Information Systems. (2006 - 2007).  
Advised: Eric Pedersen

Master's Thesis Committee Member, Management Information Systems. (2006 - 2007).  
Advised: Alexander Rodriguez Vargas

Master's Thesis Committee Chair, Management Information Systems. (2005 - 2007).  
Advised: Stephen Grigg

Master's Thesis Committee Member, Management Information Systems. (2005 - 2007).  
Advised: Changwook Kwan

UTF Mentor, Management Information Systems. (January 2007 - May 2007).  
Advised: Mindy Stratford

UTF Mentor, Management Information Systems. (August 2006 - December 2006).  
Advised: Kathleen Barrett

Dissertation Committee Member, "Extension of the Technology Acceptance Model in Electronic Commerce," Management Information Systems. (2005 - 2006).  
Advised: Rima Fayad

Dissertation Committee Member, "An Empirical Test of the Minimal Cognitive Processing Theory of Web Buyer Behavior," Management Information Systems. (2005 - 2006).  
Advised: Voraphan Manomuth

Master's Thesis Committee Chair, Management Information Systems. (2005 - 2006).  
Advised: Robert Hall

Master's Thesis Committee Member, Management Information Systems. (2005 - 2006).  
Advised: Chester Claar

Master's Thesis Committee Member. (2005 - 2006).  
Advised: Doty Brown

Master's Thesis Committee Member, Management Information Systems. (2005 - 2006).  
Advised: Shawn Crumley

Master's Thesis Committee Member, Management Information Systems. (2004 - 2006).  
Advised: Wayne Kartchner

Directed Individual/Independent Study, Management Information Systems. (January 2006 - May 2006).  
Advised: Andrew Dunlop

UTF Mentor, Management Information Systems. (January 2006 - May 2006).  
Advised: Richy Chuon

Directed Individual/Independent Study, Management Information Systems. (August 2005 - December 2005).  
Advised: Andrew Dunlop

UTF Mentor, Management Information Systems. (August 2005 - December 2005).  
Advised: Nathan Dandridge

Master's Thesis Committee Member, Management Information Systems. (2004 - 2005).  
Advised: Lee Pierce

Master's Thesis Committee Chair, Management Information Systems. (2003 - 2005).  
Advised: Vinod Rayala

Master's Thesis Committee Member, Management Information Systems. (2003 - 2005).  
Advised: Adam Roundy

Master's Thesis Committee Member. (2003 - 2005).  
Advised: Jason Archibald

Master's Thesis Committee Member, Management Information Systems. (2003 - 2005).  
Advised: Kent Ross Bowden

Master's Thesis Committee Member, Management Information Systems. (2003 - 2005).  
Advised: Madhan Duray

Supervised Research, Management Information Systems. (June 2005 - August 2005).  
Advised: Andrew Dunlop

UTF Mentor, Management Information Systems. (January 2005 - May 2005).  
Advised: Michael Mellor

UTF Mentor, Management Information Systems. (August 2004 - December 2004).  
Advised: Casey Hunter

## **Awards and Honors**

Fulbright Award, Fulbright Committee. (2011).

Best Paper, Business Intelligence Congress. (December 2010).

Recognition for Outstanding Student Evaluation Scores, Jon M. Huntsman School of Business. (2009).

Teacher of the Year, MIS Department. (2009).

Recognition for Outstanding Student Evaluation Scores, Jon M. Huntsman School of Business. (2008).

## RESEARCH

### Published Intellectual Contributions

#### Books

Ugray, Z. (2009). *OQGRG: a Multistart Algorithm* (pp. 1-101). *Inform's Journal on Computing*.

#### Book Chapters

Ugray, Z., Lasdon, L., Plummer, J., Glover, F., Kelly, J., Marti, R. (2005). *A Multistart Scatter Search Heuristic for Smooth NLP and MINLP Problems* (pp. 25-58). Kluwer Academic Publishing: *Metaheuristic Optimization via Memory and Evolution: Tabu Search and Scatter Search*.

Roska, T., Bártfai, G., Szolgay, P., Szirányi, T., Radványi, A., Kozek, T., Ugray, Z., Zarándy, Á. (1993). *A Digital Multiprocessor Hardware Accelerator Board for Cellular Neural Networks: CNN-HAC* (in *Cellular Neural Networks*, eds: T.Roska, J.Vandewalle) (pp. 151-161). John Wiley & Sons.

#### Refereed Journal Articles

O'Reilly, K., Ugray, Z. (2010). An Exploratory Look at Attributes of Internet Use and Adoption by Franchisees. *To appear in International Journal of E-Business Research*, 6(3), 15-33.

Ugray, Z., Lasdon, L., Plummer, J., Bussieck, M. (2009). Improved Filters and Randomized Drivers for Multi-start Global Optimization. *Optimization Methods and Software*.

Ugray, Z., Ellsworth, C., Manley, M. T., Erickson, K. (2009). Does the Use of Computer-Aided Learning Tools Affect Learning Performance? *International Journal of Innovation and Learning*, 6(3), 275-284.

Ugray, Z. (2009). Security and Privacy Issues in M-Learning. *International Journal of Mobile Learning and Organizations*, 3(3), 202-218.

Paper, D., Ugray, Z. (2008). Change Management: A Sensible Approach for Information Technology Researchers. *Journal of Information Technology Cases and Applications*, 10(3), 1-8.

Ugray, Z., Hauser, K., Olsen, D. (2008). Team Projects in a Systems Analysis & Design Class: Elements of Success. *International Journal of Information and Operations Management Education*, 2(3), 275-290.

Johnson, J., Ugray, Z. (2007). Employee Internet Abuse: Policy versus Reality. *Issues in Information Systems - IIS*, 8(2), 214-219.

Olsen, D., Hauser, K., Ugray, Z. (2007). SPIE: A Framework for Advanced Database Topics. *Review of Business Information Systems*, 11(3), 1-16.

- Ugray, Z., Lasdon, L., Plummer, J., Glover, F., Kelly, J., Marti, R. (2007). Scatter Search and Local NLP Solvers: a Multistart Framework for Global Optimization. *Inform Journal on Computing*, 19(3), 328-340.
- Pratt, J., Hauser, K., Ugray, Z., Patterson, O. (2007). Looking at human-computer interface design: Effects of ethnicity in computer agents. *Interacting with Computers*, 19(4), 512-523.
- Hauser, K., Olsen, D., Ugray, Z. (2006). Systems Analysis & Design: Student Perception Versus Employer Needs. *Review of Business Information System*, 10(2), 41-74.
- Roska, T., Bártfai, G., Szolgay, P., Szirányi, T., Radványi, A., Kozek, T., Ugray, Z., Zarándy, Á. (1992). A Digital Multiprocessor Hardware Accelerator Board for Cellular Neural Networks:CNN-HAC. *International Journal of Circuit Theory and Applications*, 20, 589-599.

### Conference Proceedings

- Olsen, D., Bartkus, K., Ugray, Z., Johnson, J. (2010). *The Business Intelligence Group: An Innovative Approach to Collaborative Research in MIS*. St Louis, MO: BI Congress II.
- Powell, J. M., Ugray, Z. (2010). *The Impact of a VPN on a Company's Data Communication Network*. Layton, UT: Proceedings of the 52nd Mountain Plains Management Conference.
- Roska, T., Bártfai, G., Szolgay, P., Szirányi, T., Radványi, T., Kozek, T., Ugray, Z. (1991). *A Hardware Accelerator Board for Cellular Neural Networks* (pp. 160-168). IEEE: Proc. IEEE CNNA-90.

### Presentations Given

- Ugray, Z., Harsany College Presentation series, "Business Intelligence Trends", Pannon University, Veszprem, Hungary. (November 17, 2011 - Present).
- Ugray, Z. (Presenter & Author), O'Reilly, K. (Author Only), Global Business Conference, "Attributes of Advanced Internet Technology Use and Adoption by Small Business Owners", GBC, Sibenik, Croatia. (September 21, 2011 - September 24, 2011).
- Olsen, D., Bartkus, K., Ugray, Z., Johnson, J., Business Intelligence Congress II, "The Business Intelligence Group: An Innovative Approach to Collaborative Research in MIS", BI Congress, St. Louis. (December 11, 2010 - December 12, 2010).
- Ugray, Z., O'Reilly, K., INFORMS Annual Meeting, "Franchisee Attitudes toward the Adoption of Advanced Internet Technologies and Innovations", INFORMS, Austin. (November 11, 2010 - November 14, 2010).
- Ugray, Z., Stephens, A. A., Western Decision Science Institute Annual Meeting, 2010, "Reengineering Course Content by Applying Lean Principles", WDSI, Lake Tahoe. (April 6, 2010 - April 10, 2010).
- Ugray, Z., INFORMS Annual Meeting, "Why Simpler Websites Perform Better - An Information Theory Based Empirical Validation", INFORMS, San Diego. (October 11, 2009 - October 14, 2009).
- Ugray, Z. (Presenter & Author), MIS Department Research Seminar, "Global Optimization and Applications - 2.", MIS Department, USU. (November 21, 2008).
- Lasdon, L. (Presenter & Author), Bussieck, M. (Author Only), Plummer, J. (Author Only), Ugray, Z. (Author Only), INFORMS Annual Meeting, "Recent Applications of the Multi-start Global



- Optimization Algorithm MSNLP", INFORMS, Washington, DC. (October 12, 2008 - October 16, 2008).
- Ugray, Z. (Presenter & Author), Guest Speaker, "Problems and Algorithms in Search and Optimization", MIS Department - BIS6810, USU. (March 29, 2008).
- Ugray, Z. (Presenter & Author), MIS Department Research Seminar, "Global Optimzation and Applications", MIS Department, USU. (March 29, 2008).
- Ugray, Z. (Presenter & Author), Pinter, J. D. (Author Only), INFORMS Annual Meeting, "Using AMIGO, a Mixed Integer Global Optimizer: Methodology and Numerical Examples", INFORMS, Seattle, WA. (November 3, 2007 - November 7, 2007).
- Ugray, Z., Guest Speaker - ELED/SCED 4740. (October 2007).
- Johnson, J. (Presenter & Author), Ugray, Z. (Author Only), Annual Meeting, "Employee Internet Abuse: Policy Versus Reality", the International Association for Computer Information Systems, Vancouver, BC. (October 3, 2007 - October 6, 2007).
- Johnson, J. (Presenter & Author), Ugray, Z. (Author Only), IACIS 2007, "Employee Internet Abuse: Policy versus Reality", IACIS, Vancouver, BC, Canada. (October 3, 2007 - October 6, 2007).
- Ugray, Z. (Presenter & Author), Pinter, J. D. (Author Only), ICCOPT '07 - MOPTA '07, "Developments in the AMIGO Solver for General Mixed Integer Optimization", Canadian Operations Research Society, Hamilton, ON, Canada. (August 12, 2007 - August 16, 2007).
- Ugray, Z., Guest Speaker - EDUC 6550. (July 2007).
- Ugray, Z. (Presenter & Author), Pinter, J. (Author Only), INFORMS Annual Meeting, "AMIGO: A New Solver for Mixed Integer Nonlinear Optimization", INFORMS, Pittsburgh. (November 5, 2006 - November 8, 2006).
- Ugray, Z. (Presenter & Author), Pinter, J. (Author Only), INFORMS Annual Meeting, "Numerical Results Using AMIGO (A Mixed Integer Global Optimizer)", INFORMS, Pittsburgh. (November 5, 2006 - November 8, 2006).
- Ugray, Z. (Presenter & Author), Hauser, K. (Author Only), Olsen, D. (Author Only), IACIS 2006, "Predictors of a Successful Project in a Systems Analysis & Design Capstone Class", Reno, NV. (October 4, 2006 - October 8, 2006).
- Lasdon, L. (Presenter & Author), Plummer, J. (Author Only), Ugray, Z. (Author Only), Bussieck, M. (Author Only), EURO 2006, "Improved Filters and Randomized Drivers for Multi-start Global Optimization", EURO - The Association of European OR Societies, Rykjavik, Iceland. (July 2, 2006 - July 6, 2006).
- Ugray, Z., Gueast Speaker - BIS 6810. (April 2006).
- Ugray, Z. (Presenter & Author), Hauser, K. (Author Only), DSI Annual Meeting, "Using Tabu Search to Solve Workload Balancing on a Cross-Docking Station", DSI, San Francisco. (November 19, 2005 - November 22, 2005).
- Ugray, Z. (Presenter & Author), Lasdon, L. (Author Only), Plummer, J. (Author Only), INFORMS Annual Meeting, "Hit-and-Run for MSNLP: A New Global Driver", INFORMS, San Francisco. (November 11, 2005 - November 15, 2005).

Pratt, J. (Presenter & Author), Hauser, K. (Author Only), Ugray, Z. (Author Only), Patterson, O. (Author Only), IACIS Annual Conference, "Investigating the Effects of Ethnicity in Computer Agents", IACIS, Atlanta. (October 2005).

Ugray, Z. (Discussant), INFORMS. (2004).

Lasdon, L. (Presenter & Author), Ugray, Z. (Author Only), Plummer, J. (Author Only), INFORMS Annual Meeting, "Multistart Algorithms for Seeking Feasibility", INFORMS, Denver. (October 2004).

Ugray, Z. (Presenter & Author), Hauser, K. (Author Only), INFORMS Annual Meeting, "Workload Balancing in a Cross-Docking Environment", INFORMS, Denver. (October 2004).

Hauser, K. (Presenter & Author), Ugray, Z. (Author Only), McAllister, S. (Author Only), 5th GITMA Conference, "Optimization of a Crossdocking Layout Using Three Different Heuristic Methods", GITMA, San Diego. (June 2004).

Ugray, Z. (Presenter & Author), Hauser, K. (Author Only), American Association for the Advancement of Science - Pacific Division, "Plant Layout Design with Heuristics", AAAS-PD, Logan. (June 2004).

Ugray, Z. (Presenter & Author), Lasdon, L. (Author Only), American Association for the Advancement of Science - Pacific Division, "Two-stage Algorithm for Global Optimization", AAAS-PD, Logan. (June 2004).

Ugray, Z. (Presenter & Author), Lasdon, L. (Author Only), Plummer, J. (Author Only), Canadian Operations Research Society / INFORMS Joint Meeting, "Multistart Global Optimization", CORS/INFORMS, Banff. (May 2004).

Ugray, Z. (Presenter & Author), Hauser, K. (Author Only), Canadian Operations Research Society / INFORMS Joint Meeting, "Optimizing Cross-Docking Layout with Tabu Search", CORS/INFORMS, Banff. (May 2004).

Ugray, Z. (Presenter & Author), Lasdon, L. (Presenter & Author), Plummer, J. (Author Only), INFORMS Annual Meeting, "OQNLP/GAMS: A Multi-start Approach to Global Optimization", INFORMS, Atlanta. (October 2003).

Lasdon, L. (Presenter & Author), Ugray, Z. (Author Only), Plummer, J. (Author Only), The 8th INFORMS Computing Society Conference, "OptQuest NLP: a Multi-Start Heuristic for MINLP and Global NLP, and its GAMS and Callable Implementations", INFORMS Computing Society, Phoenix. (January 2003).

Kelly, J. (Presenter & Author), April, J. (Author Only), Glover, F. (Author Only), Laguna, M. (Author Only), Lasdon, L. (Author Only), Ugray, Z. (Author Only), INFORMS Annual Meeting, "OptTek Systems & Optimal Methods Create New Optimization Software- OptQuest® NLP", INFORMS, San Jose. (November 2002).

Ugray, Z. (Presenter & Author), Lasdon, L. (Presenter & Author), Plummer, J. (Author Only), Kelly, J. (Author Only), INFORMS Annual Meeting, "The OptQuest/Multistart (OQMS) Algorithm for Global Optimization and its GAMS Implementation", INFORMS, San Jose. (November 2002).

Ugray, Z. (Presenter & Author), Lasdon, L. (Presenter & Author), Plummer, J. (Author Only), Laguna, M. (Author Only), INFORMS Annual Meeting, "Solving Nonconvex NLPs & MINLPs using Optquest/GRG", INFORMS, Miami Beach. (November 2001).

Lasdon, L. (Presenter & Author), Ugray, Z. (Author Only), Plummer, J. (Author Only), INFORMS International Conference, "Solving Nonconvex NLPs & MINLPs using Optquest/GRG", INFORMS, Maui. (June 2001).

Ugray, Z. (Presenter & Author), Lasdon, L. (Presenter & Author), Plummer, J. (Author Only), INFORMS Annual Meeting, "OQGRG: A Scatter Search Approach for Solving Constrained Non-Linear Global Optimization Problems", INFORMS, San Antonio. (November 2000).

Ugray, Z. (Presenter & Author), Lasdon, L. (Presenter & Author), Plummer, J. (Author Only), Conference on Adaptive Memory and Evolution: Tabu Search and Scatter Search, "Solving Nonconvex NLPs and MINLPs using OptQuest/GRG", Hearin Center, University of Mississippi, Oxford. (March 2000).

Lasdon, L. (Presenter & Author), Ugray, Z. (Author Only), Laguna, M. (Author Only), INFORMS Annual Meeting, "Optquest/GRG: Combining Scatter Search and GRG for Global Optimization", INFORMS, Philadelphia. (November 1999).

## **Field Research**

### **Other**

Ugray, Zsolt (Principal), "New Faculty Research Grant," Utah State University, \$12,500.00. (May 2004 - June 2005).

## **Awards and Honors**

Best Paper, Mountain Plains Management Conference. (October 2010).

National Telecommunications Thesis Competition - 2nd Place, Hungarian Telecommunications Association. (1991).

## **Research in Progress**

Business Intelligence: Who Uses It and Why?

Success factors of ITC enterprises in Hungary

Continuous Improvement Principles in Course Design: a Case from Financial Modeling

Cultural Factors Affecting Information Systems Acceptance

IT HW & System SW for MIS students: a review of what knowledge is necessary for entry-level workers in the IS field.

## **SERVICE**

### **Editorial and Review Activities**

Ad Hoc Reviewer, "Decision Sciences," Decision Sciences Institute. (2006 - Present).

Ad Hoc Reviewer, "Computers and Mathematics with Applications." (2011).

Ad Hoc Reviewer, "Optimization Methods and Software." (2011).

Ad Hoc Reviewer, "International Journal of Management in Education." (2009).

Ad Hoc Reviewer, "Decision Sciences." (2008).

Ad Hoc Reviewer, "Optimization Methods and Software." (2008).

Ad Hoc Reviewer, "Issues in Information Systems," IACIS. (2007).

Invited Manuscript Reviewer, "OMEGA - The International Journal of Management Science." (2007).

Ad Hoc Reviewer, "International Transactions on Operations Research." (2006).

Ad Hoc Reviewer, "Journal of Information Science and Technology." (2006).

Ad Hoc Reviewer, "INFORMS Journal of Computing," INFORMS. (2005).

## **General Service**

### **Department**

Member, Business Intelligence Group. (July 2010 - Present).

Mentor, UTF Mentor. (2004 - Present).

Committee Member, Non P&T-Related, MIS Teaching Excellence Committee. (December 2007 - April 2008).

Committee Member, Non P&T-Related, BIS Graduate Curriculum Committee. (2007).

Committee Member, Non P&T-Related, BIS Assessment Committee. (2006).

Editor, BIS Newsletter Editor. (2003 - 2006).

External Reviewer, External Reviewer - Dissertation Proposal. (September 2005).

Committee Member, Non P&T-Related, BIS Curriculum Committee. (2003 - 2004).

### **Professional**

Panelist on Teaching Excellence, Business Intelligence Congress II. (December 2010).

Conference Session Chair, INFORMS 2010, Austin. (October 2010).

Conference Session Chair, INFORMS 2009, San Diego. (2009).

External Reviewer, External Reviewer - Dissertation Proposal. (March 2005).

Conference Session Chair, CORS/INFORMS. (2004).

Conference Session Chair, INFORMS. (2004).

### **School**

Member, The Research Group. (2008 - Present).

Committee Member, Non P&T-Related, COB Library Committee. (2003 - Present).

Member, Huntsman Scholars Application Review. (February 2010).

Member, Huntsman Scholars Application Review. (February 2009).

### **Student Organization**

Faculty Advisor, Faculty Advisor - Hungarian Club. (2003 - Present).

### **Utah State University**

Faculty Panel Member, Connections - Freshman Orientation. (August 2009).

Faculty Judge, Graduate Research Symposium. (March 2007).

Faculty Judge, Graduate Research Symposium. (March 2006).

## **Promotion and Tenure Committees**

### **Committee Member**

Ben Blau (Assistant Professor). (October 2010 - Present)

Tyler Brough (Assistant Professor). (October 2010 - Present)